
Reporting Title: Hereditary Erythrocytosis Mut, B
Performing Location: Rochester**Ordering Guidance:**

For a complete evaluation including hemoglobin electrophoresis testing and hereditary erythrocytosis variant analysis in an algorithmic fashion, order REVE2 / Erythrocytosis Evaluation, Blood.

This test does not provide a serum erythropoietin (EPO) level. If EPO testing is desired, order EPO / Erythropoietin, Serum.

Necessary Information:

Erythrocytosis Patient Information (T694) is strongly recommended, but not required, to be filled out and sent with the specimen. This information aids in providing a more thorough interpretation of test results. Ordering providers are strongly encouraged to complete the form and send it with the specimen.

Specimen Requirements:

Container/Tube: Lavender top (EDTA)

Specimen Volume: 3 mL

Collection Instructions: Send whole blood specimen in original tube. Do not aliquot.

Specimen Minimum Volume:

0.5 mL

Forms:

1. New York Clients-Informed consent is required. Document on the request form or electronic order that a copy is on file. The following documents are available in Special Instructions:

-Informed Consent for Genetic Testing (T576)

-Informed Consent for Genetic Testing-Spanish (T826)

2. Erythrocytosis Patient Information (T694)

3. If not ordering electronically, complete, print, and send a Benign Hematology Test Request Form (T755) with the specimen.

Specimen Type	Temperature	Time	Special Container
Whole blood	Refrigerated (preferred)	30 days	
	Ambient	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
34648	Molecular Interpretation	Alphanumeric		69047-9
35000	Reviewed By	Alphanumeric		18771-6
34645	EPOR Gene Sequencing Result	Alphanumeric		82939-0
34647	HIF2A Gene Sequencing Result	Alphanumeric		82939-0
34646	PHD2 Gene Sequencing Result	Alphanumeric		82939-0

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
MINT	Molecular Interpretation			Yes	No
EPOR	EPOR Gene, Mutation Analysis, B			Yes	No
HIF2A	HIF2A Gene, Mutation Analysis, B			Yes	No
PHD2	PHD2 Gene, Mutation Analysis, B			Yes	No

CPT Code Information:

81479

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
BPGMM	BPGM Full Gene Sequencing			Yes	Yes
VHLE	VHL Gene Erythrocytosis Mutations			Yes	No (Order VHLZZ)

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
BPGMM	37111	BPGM Gene Sequencing Result	Alphanumeric		No LOINC Needed
BPGMM	37112	BPGM Interpretation	Alphanumeric		69047-9
VHLE	37840	Result Summary	Alphanumeric		50397-9
VHLE	37841	Result	Alphanumeric		82939-0
VHLE	37842	Interpretation	Alphanumeric		69047-9
VHLE	37886	Known Mut Reason for Referral	Alphanumeric		42349-1
VHLE	37843	Additional Information	Alphanumeric		48767-8
VHLE	37844	Specimen	Alphanumeric		31208-2
VHLE	37845	Source	Alphanumeric		31208-2
VHLE	37846	Released By	Alphanumeric		18771-6

Reference Values:

An interpretive report will be provided.